

LAMPIRAN I

Syntax Program Maple 7 yang digunakan adalah sebagai berikut :

- Grafik Distribusi Poisson dengan mean dan varian 3,25

```
> f := N -> 3.25^N*2.72^(-3.25)/(N)!;  
> plot(f(N),N=1..10,color=black,'style=point');
```

- Nilai ekspektasi N secara teoritis

```
> sum('N*(2.72^(-3.25)*3.25^N)/N!','N'=0..21);
```

- Grafik Distribusi Normal dengan mean 5,9514 dan varian 1,1237

```
> f := logXi -> (1/(root(2*3.14,2)*0.35177))*(2.72^(-0.5*((logXi-  
5.9514)/0.35177)^2));  
> plot(f(logXi),logXi=4..7,color=black,'style=line');
```

- Nilai ekspektasi log Xi secara teoritis

```
> int(x*(2.72^(-0.5*((x-5.9514)/0.35177)^2)),x=-  
infinity..infinity)*(1/(root(2*3.14,2)*0.35177));
```

- Nilai varian log Xi secara teoritis

```
> int(((x-5.9514)^2)*(2.72^(-0.5*((x-5.9514)/0.35177)^2)),x=-  
infinity..infinity)*(1/(root(2*3.14,2)*0.35177));
```

- Nilai Fungsi Distribusi Poisson dengan parameter 3,25 pada $n = 0$

```
> sum('(2.72^(-3.25)*3.25^N)/N!','N'=0..0);
```

- Nilai Fungsi Distribusi Poisson dengan parameter 3,25 pada $n = 7 \dots \infty$

```
> sum('(2.72^(-3.25)*3.25^N)/N!','N'=0..infinity);
```

LAMPIRAN II

Table Critical value of Kolmogorov Semirnov Statistic

This table has been extracted from L. H. Miller (*J. Am. Stat. Assoc.*, 51: 111-121, 1956)

$n \backslash \alpha$	0.2	0.1	0.05	0.02	0.01	$n \backslash \alpha$	0.2	0.1	0.05	0.02	0.01
1	.90000	.95000	.97500	.99000	.99500	51	.14697	.16796	.18659	.20864	.22386
2	.68377	.77639	.84189	.90000	.92929	52	.14558	.16637	.18482	.20667	.22174
3	.56481	.63604	.70760	.78456	.82900	53	.14423	.16483	.18311	.20475	.21968
4	.49265	.56522	.62394	.68887	.73424	54	.14292	.16332	.18144	.20289	.21768
5	.44699	.50945	.56328	.62718	.66853	55	.14164	.16186	.17981	.20107	.21574
6	.41037	.46799	.51926	.57741	.61661	56	.14040	.16044	.17823	.19930	.21384
7	.38148	.43607	.48342	.53844	.57581	57	.13919	.15906	.17669	.19758	.21199
8	.35831	.40962	.45427	.50654	.54179	58	.13801	.15771	.17519	.19590	.21019
9	.33910	.38746	.43001	.47960	.51332	59	.13686	.15639	.17373	.19427	.20844
10	.32260	.36866	.40925	.45662	.48893	60	.13573	.15511	.17231	.19267	.20673
11	.30829	.35242	.39122	.43670	.46770	61	.13464	.15385	.17091	.19112	.20506
12	.29577	.33815	.37543	.41918	.44905	62	.13357	.15263	.16956	.18960	.20343
13	.28470	.32549	.36143	.40362	.43247	63	.13253	.15144	.16823	.18812	.20184
14	.27481	.31417	.34890	.38970	.41762	64	.13151	.15027	.16693	.18667	.20029
15	.26589	.30397	.33760	.37713	.40420	65	.13052	.14913	.16567	.18525	.19877
16	.25778	.29472	.32733	.36571	.39201	66	.12954	.14802	.16443	.18387	.19729
17	.25035	.28627	.31796	.35528	.38086	67	.12859	.14693	.16322	.18252	.19584
18	.24360	.27851	.30936	.34569	.37062	68	.12766	.14587	.16204	.18119	.19442
19	.23735	.27136	.30143	.33685	.36117	69	.12675	.14483	.16088	.17990	.19303
20	.23155	.26473	.29408	.32866	.35241	70	.12586	.14381	.15975	.17863	.19167
21	.22617	.25858	.28724	.32104	.34427	71	.12499	.14281	.15864	.17739	.19034
22	.22115	.25283	.28067	.31394	.33666	72	.12413	.14183	.15755	.17618	.18903
23	.21645	.24746	.27490	.30728	.32954	73	.12329	.14087	.15649	.17498	.18776
24	.21205	.24242	.26931	.30104	.32286	74	.12247	.13993	.15544	.17382	.18650
25	.20770	.23768	.26404	.29516	.31657	75	.12167	.13901	.15442	.17268	.18528
26	.20349	.23320	.25907	.28962	.31064	76	.12088	.13811	.15342	.17155	.18408
27	.20030	.22998	.25538	.28438	.30502	77	.12011	.13723	.15244	.17045	.18290
28	.19680	.22647	.25193	.27942	.29971	78	.11935	.13636	.15147	.16938	.18174
29	.19348	.22317	.24871	.27471	.29466	79	.11860	.13551	.15052	.16832	.18060
30	.19032	.22156	.24710	.27023	.28987	80	.11787	.13467	.14960	.16728	.17949
31	.18732	.21912	.24488	.26596	.28530	81	.11716	.13385	.14868	.16626	.17840
32	.18445	.21685	.24242	.26189	.28094	82	.11645	.13305	.14779	.16526	.17732
33	.18171	.21471	.24076	.25801	.27677	83	.11576	.13226	.14691	.16428	.17627
34	.17909	.21272	.23873	.25529	.27279	84	.11508	.13148	.14605	.16331	.17523
35	.17659	.21085	.23685	.25373	.26997	85	.11442	.13072	.14520	.16236	.17421
36	.17418	.20910	.23519	.25073	.26697	86	.11376	.12997	.14437	.16143	.17321
37	.17188	.20746	.23354	.24840	.26464	87	.11311	.12923	.14355	.16051	.17223
38	.16966	.20592	.23200	.24609	.26233	88	.11248	.12850	.14274	.15961	.17126
39	.16753	.20448	.23056	.24426	.26060	89	.11186	.12779	.14195	.15873	.17031
40	.16547	.20313	.22921	.24246	.25897	90	.11125	.12709	.14117	.15786	.16938
41	.16349	.20187	.22795	.24073	.25730	91	.11064	.12640	.14040	.15700	.16846
42	.16158	.20071	.22679	.23951	.25587	92	.11005	.12572	.13965	.15616	.16755
43	.15974	.20000	.22607	.23879	.25453	93	.10947	.12506	.13891	.15533	.16666
44	.15796	.20000	.22607	.23879	.25453	94	.10889	.12440	.13818	.15451	.16579
45	.15623	.20000	.22607	.23879	.25453	95	.10833	.12375	.13746	.15371	.16493
46	.15457	.20000	.22607	.23879	.25453	96	.10777	.12312	.13675	.15291	.16408
47	.15295	.20000	.22607	.23879	.25453	97	.10722	.12249	.13606	.15214	.16324
48	.15139	.20000	.22607	.23879	.25453	98	.10668	.12187	.13537	.15137	.16242
49	.14987	.20000	.22607	.23879	.25453	99	.10615	.12126	.13469	.15061	.16161
50	.14840	.20000	.22607	.23879	.25453	100	.10563	.12067	.13403	.14987	.16081